Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 19 Nov 2020 until 23:59 on Friday 20 Nov 2020

Forecast Issued on Thursday 19 Nov 2020 at 04:09

Confidence: High for cold and bright conditions on Thursday then a return to cloudy, wet and mild on Friday. Lower confidence for timing of rain clearance on Saturday.

Headline for Thursday 19 Nov 2020: Mainly dry and sunny but very cold. Strong winds slowly easing.

Mountain weather hazards on Thursday 19 Nov 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Sleet showers	Sunny	Clear night	Partly cloudy (night)	Cloudy
Precipitation probability					
60%	50%	<05%	<05%	<05%	<05%

Forecast for Thursday 19 Nov 2020

Weather: Showery outbreaks of rain this morning turning to snow above 500m before clearing later this morning. A very cold but dry day will follow with plenty of crisp sunshine. A cold and dry evening with a frost but high cloud will arrive from the west.

Chance of cloud free mountain/hill tops above 600m: 30% overnight with areas of cloud cover above 500m, but clearing by late morning. Over 95% thereafter with all hills expected to be cloud-free.

Visibility: Poor on high slopes initially but becoming good at all levels this morning. Excellent air clarity during the day with clear views of distant hills.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 19 Nov 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/20 NW	17/22 N	14/18 NW	12/16 NW	11/15 W	9/12 W	13/17 SW
300	10/15 NW	13/18 N	12/17 NW	9/15 NW	7/11 W	5/8 S	8/13 SW
Valley	6/16 NW	9/20 N	10/18 NW	7/15 NW	4/12 W	2/7 S	4/14 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-0	2/-4	1/-4	1/-4	0/-5	0/-4	0/-5
300	6/3	4/0	4/-0	4/0	3/-0	2/0	3/-0
Valley	7/5	5/2	5/2	4/2	2/1	2/1	3/1
Freezing Level*	1200m	700m	500m	400m	400m	400m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A blast of Arctic air will make it feel bitterly cold compared to recent days. A severe wind chill on the tops, especially during the morning but winds easing in the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 19 Nov 2020	14.2mm	14.2mm	20.8mm

Forecast for Friday 20 Nov 2020

Weather: A dry start to the night but turning cloudy with outbreaks of rain. Outbreaks of rain or drizzle through the day and turning much milder.

Maximum wind: South or Southwest 20-30mph with gusts 40mph on the tops.

Chance of cloud free mountain/hill tops above 600m: 70% at midnight but becoming 0% by dawn. Extensive cloud above 300 or 400m for most of the day.

Visibility: Very poor on high ground for most of the time with extensive low cloud giving navigational difficulties. Hazy conditions below the cloud base.

Temperature: **Valleys:** Plus 6C rising to 11 or 12C.
At 600m: 0C rising to 8 or 9C.
Freezing level: 600m in early hours, soon rising above summits.

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